

B₂ said outlet diameter, δ represents the amount of said tip portion extending through the orifice, and θ represents a variable slant angle corresponding to said slanted radial portion.

B₃ 3. (Amended) The apparatus according to claim 1, wherein said oscillating mechanical member is coupled to a piezoelectric oscillator that oscillates at a frequency of f_{opt} defined by the equation $f_{opt} = 0.225U_j/d_{eff}$, wherein d_{eff} is the effective diameter of said jet and U_j is the velocity of said jet through said orifice.